**Warm Up:**

**1- Inference is based on.....**

**2- Inference is....**

**3- The confidence level gives us the probability that....**

**4- The form (not formula) for a confidence interval is....**

**5- What are the 2 parts of a confidence interval?**

**6- What is the formula for a confidence interval?**

**7- A poll of 2000 high school students is taken. The students are asked if they have ever gotten a speeding ticket. 1365 of them say yes. Find a 95% confidence interval for the percent of HS students who have gotten a speeding ticket. Interpret your interval.**